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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/459,644	12/13/1999	TAKASHI TSUNODA	862.3166	1438

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EXAMINER

CHUNG, DANIEL J

ART UNIT	PAPER NUMBER
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2677

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/459,644

Applicant(s)

TSUNODA, TAKASHI

Examiner

Daniel J. Chung

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 31,33,35,37,38,40,42,44 and 46-49 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 31,33,35,37,38,40,42,44 and 46-49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claims 31,33, 35,37-38,40-42, 44 and 46-49 are presented for examination. This office action is in response to the amendment filed on 7-19-2005.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 31,33, 35,37-38,40-42, 44 and 46-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shishido (6,137,490), and further in view of Tokunaga et al (5,968,132).

Regarding claim 31, Shishido discloses that the claimed feature of a display device capable of displaying first and second windows on a display screen, comprising: first receiving means [i.e. "input control unit"; 14] for receiving first image data ["data"] for displaying a moving image; second receiving means [i.e. "input control unit"; 14] for receiving second image data for displaying a second image (See Fig 1, Fig 8, col 7 line 46-50); storing means [i.e. "display memory"; 8] for, in a state that the second window [i.e. "CRT"; 3] is an active window ["active window"], [storing third image data for displaying only selected frames which are part of frames of moving image, wherein data

of the first image data corresponding to unselected frames of the moving image are decimated;] and displaying means for displaying the second window [i.e. "CRT"; 3] on which the second image is formed and for displaying the first window on which the selected frames are formed, wherein the unselected frames are not formed on the first window [i.e. "CRT"; 2]. (See Fig 1, Fig 8, col 4 line 8-14, col 4 line 36-61, col 7 line 16-19, col 8 line 13-17)

Shishido does not explicitly disclose that "storing third image data for displaying only selected frames which are part of frames of moving image, wherein data of the first image data corresponding to unselected frames of the moving image are decimated", as recited in claims. However, such limitations are shown in the teaching of Tokunaga et al. [i.e. 'controlling the number of frames within active window'] (See Fig 31, Fig 32, Fig 33, Fig 36, col 5 line 25-34, col 6 line 52-64, col 40 line 51-60, col 41 line 50-col 42 line 42, col 56 line 48-62, See claim 18, claim 25) It would have been obvious to one skilled in the art to incorporate the teaching of Tokunaga et al into the teaching of Shishido, in order to produce multiple display system at a high efficiency (See col 2 line 1-5 in Shishido), as such improvement is also advantageously desirable in the teaching of Shishido for the image data communication system with enhanced working efficiency.

Regarding claim 33, Shishido discloses that displays image data to be displayed on an active window at a higher luminance than a luminance of image data to be

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displayed on an inactive window. (See col 4 line 8-14, col 4 line 36-61, col 7 line 16-19, col 8 line 13-17, col 9 line 1-14, col 10 line 17-30)

Regarding claims 35,37-38,40, 42 and 44, claims 35,37-38,40, 42 and 44 are similar in scope to the claims 31 and 33, and thus the rejections to claims 31 and 33 hereinabove are also applicable to claims 35,37-38,40, 42 and 44.

Regarding claim 46, refer to the discussion for the claim 31 hereinabove, Tokunaga et al further discloses that the second image is a moving image [i.e. "frames"]. (See Fig 31-33)

Regarding claims 47-49, claims 47-49 are similar in scope to the claim 46, and thus the rejection to claim 46 hereinabove is also applicable to claims 47-49.

Response to Arguments/Amendment

Applicant's arguments with respect to claims 31,33, 35,37-38,40-42, 44 and 46-49 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Any inquiry concerning this communication or earlier

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communications from the examiner should be directed to Daniel J. Chung whose telephone number is (571) 272-7657. He can normally be reached Monday-Thursday and alternate Fridays from 7:30am- 5:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael, Razavi, can be reached at (571) 272-7664.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231


or faxed to:

571-273-8300 (Central fax)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

djc
August 15, 2005



MICHAEL RAZAVI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600